MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

BEIRUT, LEBANON

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

JULY 1952

ROBERT W. SLOANE, DIRECTOR

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WEATHER BUREAU

JULY 1952

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C Sea level and 45° Latitude 700 mm. +...				Thermometer Degress Centigrade					
	8:30	14:30	22:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	58.2	58.3	58.3	58.3	30.4	21.4	26.8	27.7	22.8	25.8
2	58.1	57.7	58.0	57.9	30.7	21.6	27.1	30.1	24.4	27.2
3	57.1	56.1	57.3	56.8	30.7	23.0	27.1	30.6	24.7	27.5
4	56.9	57.3	57.5	57.2	30.2	21.9	27.5	29.9	24.4	27.3
5	56.9	56.2	56.3	56.5	30.4	22.4	26.7	30.2	24.4	27.1
6	55.9	55.6	55.8	55.8	31.7	22.7	27.8	31.3	24.2	27.8
7	56.4	56.5	56.8	56.6	30.7	21.7	27.8	30.3	24.3	27.5
8	57.3	57.4	57.5	57.4	31.0	21.7	27.3	30.6	23.6	27.1
9	57.5	57.0	57.2	57.2	30.3	22.4	27.2	29.4	24.4	27.0
10	56.8	56.3	56.1	56.4	31.6	22.3	27.6	31.5	25.0	28.0
11	55.9	55.4	55.7	55.7	31.5	22.5	27.6	31.5	25.1	28.0
12	55.8	55.6	55.6	55.7	33.4	22.9	27.9	31.1	25.6	28.2
13	55.1	54.8	54.9	54.9	32.4	21.8	27.5	31.9	25.1	28.1
14	54.0	53.7	54.1	53.9	32.2	22.5	28.1	31.7	25.6	28.5
15	53.9	53.5	53.9	53.8	31.6	22.5	27.9	30.6	25.9	28.1
16	53.9	53.5	53.8	53.7	31.5	23.3	27.9	31.1	26.1	28.4
17	54.0	53.7	53.9	53.9	32.4	23.6	28.3	30.7	25.8	28.3
18	54.0	53.6	53.8	53.8	33.4	24.1	28.2	31.1	25.9	28.4
19	53.9	53.5	53.5	53.6	32.8	24.1	28.3	32.6	26.9	29.3
20	53.8	53.2	53.5	53.5	33.0	24.1	28.1	32.6	26.6	29.1
21	53.7	53.7	54.1	53.8	31.8	23.6	28.9	31.9	26.1	29.0
22	54.0	54.0	54.8	54.3	31.9	22.9	29.0	31.7	26.1	28.9
23	55.9	56.2	56.4	56.1	32.0	23.4	29.0	31.7	26.0	28.9
24	56.7	56.4	56.6	56.6	32.0	24.3	29.2	31.1	25.8	28.7
25	55.6	54.7	54.5	54.9	32.0	24.1	28.9	31.1	26.1	28.7
26	52.6	52.6	52.8	52.7	32.3	22.8	28.9	31.3	26.1	28.8
27	52.5	52.4	53.3	52.7	32.4	23.6	28.2	31.7	25.8	28.6
28	53.5	53.5	54.0	53.7	32.7	24.1	28.9	32.3	26.6	29.3
29	54.5	54.8	55.0	54.8	33.0	24.4	28.8	32.8	26.7	29.4
30	55.0	54.9	55.1	55.0	32.7	25.3	28.8	32.2	27.0	29.6
31	54.3	53.9	53.6	54.0	32.4	23.9	31.9	32.2	26.4	30.1
	55.28	55.03	55.28	55.20	31.84	23.06	28.17	31.18	25.47	25.05

Barometer, range for month 758.3 mm. — 752.4 mm
„ 71-yr. average for month 755.46 mm.
Thermometer, range for month 33.4°C — 21.4°C
„ 71-yr. average for month 28.02°C
Rain total for month 0.00 mm.
„ 71-yrs average for month 0.44 mm.
„ Total, Sept. 1st. to end of month 1160.26 mm.
„ 71-yrs. average. Sept. 1st. to end of month 891.85 mm.

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METEOROLOGICAL REGISTER

Date	Pressure of Water Vapor Millibars				Relative Humidity per cent.				sun.	Wind per day	Rain
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean	Hrs.	Kms.	m.m.
1	20.6	21.0	20.5	20.7	59	56	74	63	10.2	90.0	
2	22.1	24.0	23.7	23.3	60	57	78	65	12.5	227.0	
3	24.2	24.3	24.4	24.3	67	56	79	67	12.2	579.0	
4	23.5	24.0	22.4	23.3	66	56	72	65	12.3	426.0	
5	20.6	22.6	24.4	22.5	59	54	81	65	11.4	307.0	
6	23.7	23.9	22.8	23.5	64	53	78	65	10.8	188.0	
7	21.7	22.0	23.0	22.2	58	52	76	62	9.4	209.0	
8	20.8	22.2	21.4	21.5	58	50	75	61	11.0	109.0	
9	23.5	22.4	23.7	23.2	65	55	78	66	12.4	56.0	
10	27.3	27.9	26.6	27 3	73	59	84	72	12.3	295 0	
11	25.8	28.6	26.6	27.0	69	61	86	72	13.3	388.0	
12	25.8	28.3	27.6	27.2	70	63	84	72	12.4	105.0	
13	25.1	27.9	26.6	26.5	69	60	84	71	12.5	233.0	
14	26.1	27.1	26.9	26.7	68	59	82	70	12.5	299.0	
15	25.8	27.2	26.5	26.5	69	61	79	70	11.8	380.0	
16	25.8	25.3	25.7	25.6	70	56	77	68	9.7	188.0	
17	26.1	25.8	26.2	26.0	67	60	80	69	9.2	164.0	
18	27.5	27.6	27.9	27.7	72	62	87	72	11.3	79.0	
19	27.5	28.2	27.4	27.7	72	58	79	70	10.7	108.0	
20	27.5	28.2	28.2	28.0	71	58	82	70	11.5	248.0	
21	26.4	26.3	26.5	26.4	67	58	77	67	11.4	531.0	
22	24.2	24.9	23.7	24.3	60	53	70	61	12.0	356.0	
23	24.9	24.2	25.1	24.7	62	52	75	63	11.8	206.0	
24	25.2	26.1	24.1	25.1	61	57	75	64	11.6	328.0	
25	24.2	26.1	24.4	24.9	61	58	72	64	11.6	465.0	
26	25.7	26.1	25.7	25.8	65	58	76	66	11.9	385.0	
27	22.6	24.9	24.1	53.9	58	53	75	62	12.0	261.0	
28	24.2	25.9	26.7	25.6	62	54	76	64	12.0	166.0	
29	27.8	27.4	27.4	27.5	71	58	79	69	12.2	230.0	
30	28.6	30.5	29.2	29.4	73	63	81	72	12.2	539.0	
31	24.9	29.7	26.0	26.9	54	62	74	63	12.6	542.0	
	24.83	25.82	25.33	25.33	65.2	57.2	78.0	66.8	11.60	280 23	0.00

Height of Barometer above sea level : 33.7 meters.
" " Thermometers above ground :
Dry and wet 1.55 m ; Max. 1.75 m. ; Min. 1.70 m.
Rim of Rain Gauge : above ground 0.56 m. ; above sea level 30.31 m.
Time of reading minus 2 hours equal G.C.T
71 year averages are for period, 1875-1945

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METEOROLOGICAL REGISTER

Date	Clouds clear—0 Overcast—10				Direction and force of wind Beaufort scale			Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30		
1	2cu-ci	7cu-st	0	3.0	1w	2nw	0	light	
2	0	0	9cu	3.0	2w	2w	1w	calm	
3	0	0	0	0.0	4sw	2w	2w	light	
4	4cu-ci	2cu-ci	0	2.0	3sw	2sw	1w	,,	H., all day
5	0	2cu-ci	3cu-st	1.7	3sw	2sw	1sw	,,	H., all day
6	2cu	9cu-st		3.7	2sw	2w	1w	light	H., all day
7	4cu-ci	3cu-st	4cu	3.7	2sw	2sw	1w	,,	H., a.m.
8	1cu	8cu-st	3cu	4.0	2sw	1nw	0	,,	
9	4cu	0	0	1.3	1n	1n	0	,,	
10	6cu	0	3cu-st	3.0	3sw	2sw	1w	,,	
11	0	3cu	0	1.0	3sw	2w	2sw	light	
12	0	1cu	0	0.3	2sw	1nw	1nw	,,	
13	0	3st	1ci	1.3	2sw	3sw	1sw	,,	H., a.m.
14	0	7cu	8cu	5.0	3sw	3sw	1w	,,	
15	0	0	0	0.0	3sw	2sw	1n	,,	H., all day
16	2cu	7cu-st	9cu-st	6.0	3sw	2w	0	light	H., p.m.
17	6cu	9cu-st	0	5.0	2sw	1sw	1w	,,	H., all day
18	7cu-st	0	8cu-st	5.0	2sw	1nw	1nw	,,	
19	3cu-st	4cu-st	8st	5.0	2w	1w	1w	,,	H., a.m.
20	7cu	2cu	0	3.0	2sw	2sw	1sw	,,	H., all day
21	4cu	2cu	0	2.0	4sw	3sw	2w	light	
22	2cu	4cu	0	2.0	3sw	2sw	1w	,,	
23	3cu	0	0	1.0	2sw	1nw	1sw	,,	H., all day
24	6cu	8cu-st	0	4.7	3sw	2w	1sw	,,	H., all day
25	1cu	3cu	6cu	3.3	3sw	2sw	2sw	,,	H., all day
26	1cu	2cu	0	1.0	4sw	3sw	1sw	light	H., all day
27	1cu	3cu	2cu	2.0	2sw	2sw	2sw	,,	H., a.m.
28	2cu	1st	0	1.0	2sw	2sw	1w	,,	H., all day
29	5cu	5cu-st	6cu	5.3	3sw	2w	1sw	,,	H., a.m.
30	4cu	3cu-st	0	2.3	4sw	3sw	2sw	,,	H., all day
31	0	0	0	0.0	4sw	3sw	2sw	,,	H., a.m.
				2.63					

Abbreviations: G = gale; H = haze; M = mist; T = thunderstorm; D = dew. W = strong wind; Tr = trace of rain

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	1	0	0	0	0	27	3	0	0	31
14:30	1	0	0	0	0	17	8	5	0	31
20:30	1	0	0	0	0	12	12	2	4	31
Total	3	0	0	0	0	56	23	7	4	93

Number of day with rain 0, fog 0, thunderstorms 0, gale 0.
71 yr. av. number of days with rain during mouth 0.17